

10/518184

NO.181 P00

Rec'd PCT/PTO 12 AUG 2005

PTC/S8/21 (09-04)
Approved for use through 07/31/2006, OMB 0651-0031

APPROVED for U.S. DEPARTMENT OF COMMERCE

B. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	U.S. i Progresse required to respond to a CO	ection of information unless it displays a valid OMI	B control number.						
Under the Paperwork Reduction Act of 1995, no bea	Application Number	ection of Information unless it displays a valid OMB control number.							
TRANSMITTAL	Filing Date	12/16/2004							
FORM	First Named Inventor	Tatsuya Watanaba							
, 0,1,	Art Unit	tha							
	Examiner Name	tba							
(to be used for all correspondence after initial filing)	Attorney Docket Number	3057US0P							
Total Number of Pages in This Submission 8									
ENCLOSURES (Check all that apply) After Allowance Communication to TC									
Document(s) Reply to Missing Parts/ Incomplete Application	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocati Change of Correspondence Terminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table on Commissioner is hereby authorized any overpayment to Depos	Appeal Communication of Appeals and Interfer Appeals and Interfer Appeal Communication (Appeal Notice, Brief, Re Proprietary Information Address Other Enclosure(s) (plubelow): Return Postcard; Petition to Revive	n to Board ences n to TC uply Brief) ease Identify						
Reply to Missing Parts under 37 CFR 1.52 or 1.53	RE OF APPLICANT, ATT	ORNEY, OR AGENT							
Firm Name	17								
	//								
Signature									
Printed name Mark Chao, Ph.D., JD									
Date 8/19 05		Reg. No. 37,293							
CERTIFICATE OF TRANSMISSION/MAILING									
I hereby certify that this correspondence is being sufficient postage as first class mail in an envelo	g facsimile transmitted to the US ope addressed to: Commissioner	PTO or deposited with the United States Por for Patents, P.O. Box 1450, Alexandria, VA	stat Service with 22313-1450 on						
the data shown below:	Winsku)							
Typed or printed game Gail L. Winokur	- N N N N N N N N.	Date 8/12	12005						

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application, Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including process) an application form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the complete objection form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing upon the individual case. Any comments on the gathering, preparing upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments of the gathering upon the individual case. Any comments of the gathering upon the individual case. Any comments of the gathering upon the individual case. Any comments of the gathering upon the individual case. Any comments of the gathering upon the individual case. Any comments of the gathering upon the individual case. Any comments of the gathering upon the individual case. Any comments of the gathering upon the individual case. Any comments of the gathering upon the individual case. Any comments of the gathering upon the individual case. Any comments of the gathering upon the individual cas

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

AUG 1 2 2005

PTO/SB/17 (10-04)
Approved for use through 07/31/2006, OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it displays a valid OMB control number.

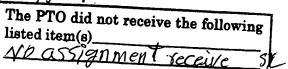
FEE TRANSMITTAL for FY 2005 Effective 1001/2004. Patent fees are aubject to annual revision. Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT (check all that apply) Check Check Check all that apply)	Under the Paperwork Reduction Act of 1995, no persons are requir	Complete if Known							
Filing Date 12/16/2004 Flater fees are autified to annual revision. Flat Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT (s) 4,950.00 Attempty Doctot No. 3057USOP Attempty D	FEE TRANSMITTA		10/518.184						
First Named Inventor Applicant claims small entity status. Sees 37 CFR 1.27 Applicant claims small entity status. Sees 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT (check off that apply)		_							
Applicant claims small entity status. See 37 CFR 1.27	for FY 2005								
Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT (\$) 4,950.00 Attompty Docked No. 3057USOP	CALLAND 1010112004 Patent facts are subject to ennual revision.	.	First Named Inventor						
TOTAL AMOUNT OF PAYMENT (check all that apply)			Examiner Name			tba			
METHOD OF PAYMENT (check aff that apply) FEE CALCULATION (continued)			Art Unit						
Check Credit care Money Other None Chridar Money Other None Chridar Money Other None Chridar Other Ot	TOTAL AMOUNT OF PAYMENT (\$) 4,950.00		Attorney Docket No. 3057US0P						
Deposit Account: Deposit Account: Solidary Deposit Account: Deposit Depos	METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)						
Deposit Source									
Deposit Account Number Takeda Chemical Ind. Ltd. 1052 50 2052 25 Surcharge - late filing fee or certh 1052 50 2052 25 Surcharge - late provisional filing fee or certh 1052 50 2052 25 Surcharge - late provisional filing fee or certh 1053 310 1053	✓ Deposit Account:	Fee	Fee	Fee Fec		Fee Des	cription		Fee Paid
Number Depochs Account Takeda Chemical Ind. Ltd. 1062 50 2052 25 Surcharge - late provisional filing fee or over-sheet is authorized to: (check all that apply) The Director is authorized to: (check all that apply) The Basic Fill That apply apply The Basic Fill That apply app	Deposit 500799				5 Sunc	haroe - late filis	ng fee or cant		
Taked Chermical Ind. Ltd. 1053 130 1053 130 1053 130 1053 130 1053 130 1312 2,520 For filting a request for explaint research indicated bettow Chedit any overpayments 1812 2,520 For filting a request for explaint research indicated bettow Chedit any overpayments 1804 9207 1812 2,520 For filting a request for explaint research indicated bettow Chedit any overpayments 1804 9207 1812 2,520 For filting a request for explaint research of SIR after 1805 1,8407 Requesting publication of SIR prior to the showe-identified deposits account. 1805 1,8407 Requesting publication of SIR after 1805 1,8407 Requesting publicatio	Number	1			s Surc	harge - late pro			
The Director is authorized to: (check aff that apply) Charge fac(s) indicated below. except for the filling fee To the above-identified deposit account. FEE CALCULATION 1. EASIC FILING FEE Large Entity. Small Entity Fee Fee Fee Fee Fee Pald 1002 350 2002 175 Design filing fee 1003 550 2003 275 Plant filing fee 1005 160 2005 80 Provisional filing fee SUBTOTAL (1) (\$\$) 1000 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Excharge Entity. Small Entity Fee Fee Fee Fee Fee Fee Fee Code (\$\$) 1. See Description 1. See Description 1. See Description 1. See Pald 1. See	, , , , , , , , , , , , , , , , , , , 				COVE	er sheet			
Charge fixed; inclinated below	The Director is authorized to: (check all that apply)			***		ling a request	for ex parte r	eexamination	
Charge fee(s) Indicated below, except for the filing fee to the above-identified deposit secount. 1805 1,840*	Charge fee(s) indicated bottow Credit any overpayments				Exa Exa Exa	uesting publica miner action	tion of SIR p	nior to	
Total Claims	Charge fee(s) Indicated below, except for the filing fee		05 1.840°	1805 1,84	Exa	miner action			<u> </u>
1. BASIC FILING FEE Large Entity Small Entity Fee		12!	51 110		5 Ext	ension for reply	within first n	nonth	
Large Entity Small Entity Fee Peach 1980					•				
1001 780 2001 395 Utility fiting fee 1000 1401 340 2401 170 Notice of Appeal 2402 170 Filing a brief in support of an appeal 1403 340 2402 170 Filing a brief in support of an appeal 1403 340 2402 170 Filing a brief in support of an appeal 1403 340 2402 170 Filing a brief in support of an appeal 1403 340 2402 170 Filing a brief in support of an appeal 1403 340 2403 160 Request for oral hearing 1451 1,510 1452 1151 1,510 145	Large Entity Small Entity			1					
1001 780 2001 385 Utility firing fee 1000 1401 340 2401 170 Notice of Appeal 1402 340 2402 170 Filing a brief in support of an appeal 1403 340 2403 160 Request for oral hearing 1403 340 2403 160 Request for expectation 1504 160 160 Institute a public use proceeding 1504 160 Institute a public use proceeding 1504 160 Institute a public use procee	ree ree ree ree ree		•						
1002 350 2002 275 Plant filing fee 1004 790 2004 396 Reissue filing fee 1005 160 2005 80 Provisional filing fee 1005 160 2005 80 Provisional filing fee 1005 160 2005 80 Provisional filing fee 1006 790 2004 396 Reissue filing fee 1007 1008 1009 1009 1009 1009 1009 1009 1009	1001 790 2001 395 Utility fiting fee 1000						•		
1005 160 2005 80 Provisional filing fee SUBTOTAL (1) (\$\$) 1000 1451 1.510 Petition to institute a public use proceeding SUBTOTAL (1) (\$\$) 1000 1451 1.510 Petition to institute a public use proceeding SUBTOTAL (1) (\$\$) 1000 1451 1.510 Petition to institute a public use proceeding SUBTOTAL (1) (\$\$) 1000 1451 1.510 Petition to revive - unavoidable 1452 1150 2452 55 Petition to revive - unintentional 1500.00 1451 1.510 Petition to revive - unintentional 1500.00 1452 1150 2452 55 Petition to revive - unintentional 1500.00 1452 1150 2452 150 Petition to revive - unintentional 1500.00 1452 1150 2453 665 Petition to revive - unintentional 1500.00 1452 1150 2453 1,330 2453 665 Petition to revive - unintentional 1500.00 1452 1150 2453 1,330 2453 665 Petition to revive - unintentional 1500.00 1452 1150 2453 1,330 2453 665 Petition to revive - unintentional 1500.00 1452 1150 2453 1,330 2453 665 Petition to revive - unintentional 1500.00 1452 1150 2453 1,330 2453 665 Petition to revive - unintentional 1500.00 1452 1150 2453 1,330 2453 665 Petition to revive - unintentional 1500.00 1452 1150 2453 1,330 2453 665 Petition to revive - unintentional 1500.00 1452 1150 2453 1,330 2453 665 Petition to revive - unintentional 1500.00 1452 1,330 2453 665 Petition to revive - unintentional 1500.00 1452 1,330 2453 665 Petition to revive - unintentional 1500.00 1452 1,330 2453 665 Petition to revive - unintentional 1500.00 1452 1,330 2453 665 Petition to revive - unintentional 1500.00 1452 1,330 2453 665 Petition to revive - unintentional 1500.00 1452 1,330 2453 665 Petition to revive - unintentional 1500.00 1452 1,330 2453 665 Petition to revive - unintentional 1500.00 1452 1,330 2453 1,330		16					pport of an a	ppsal	
1005 160 2005 80 Provisional filling fiee SUBTOTAL (1) (\$) 1000 1452 110 1451 1,510 Petition to Institute a public use proceeding SUBTOTAL (1) (\$) 1000 1452 110 1452 110 1452 150 150 1.500.00 1453 1,330 150 1.500.00 1453 1,330 150 1.500.00 1453 1,330 150 1.500.00 1453 1,330 150 1.500.00 1453 1,330 150 1.500.00 1453 1,330 150 1.500.00 1453 1,330 150 1.500.00 1453 1,330 150 1.500.00 1453 1,330 150 1.500.00 1453 1,330 150 1.500.00 1500.0		11 '							<u> </u>
SUBTOTAL (1) (\$) 1000 1452 110 2452 55 Petition to revive - unavoidable 1,500.00 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from Fee Pald 1503 665 Petition to revive - unavoidable 1,500.00 1453 1,330 2453 665 Petition to revive - unavoidable 1,500.00 1501 1,370 2501 665 Utility issue fee (or reissue) 1,500.00 1502 490 2502 495 Design Issue fee 1,500 665 Utility issue fee 1,500 665	1004 100 201 201 201 201 201 201 201 201 201			1451 1,5	510 Pet	tition to institute	a public use	proceeding	<u> </u>
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from Fee Pald Sector Claims Independent claims in excess of 20 Independent Independent claims in excess of 3	1000	14	152 110	2452	55 Pe	tition to revive -	unavoldable	•	1 500 00
Total Claims		<u> </u> 14	153 1,330	2453	665 Pe	itition to revive	- unintention:	al .	1,500.00
Total Claims	Fee iron		501 1,370				ı téjzene)		
Independent The second	Extra Claims below Fee Pal	15				-			
Claims Multiple Dependent 300 1807 50 1807 50 Processing fee under 37 CFR 1.17(q)		71		1	•••		ommicsione:	,	
Large Entity Small Entity Fee	Claims	71							
Fee Fee Fee Fee Fee Code (\$) 1202 18 2202 9 Claims in excess of 20 1201 88 2201 44 Independent claims in excess of 3 1203 300 2203 150 Multiple dependent claims in excess of 3 1204 88 2204 44 "Reissue Independent claims over original patient over original patient over original patient 1205 18 2205 9 "Reissue claims in excess of 20 and over original patient of a design application of a design application of a design application SUBTOTAL (2) (\$) 3400.00 SUBMITTED BY Name (Print/Type) Mark Chao, Print/Type) Mark Chao,	1				180 Su	ihmission of Inf	ormation Dis	closure Strnt	
1202 18 2202 9 Claims in excess of 20 1809 790 2809 395 Filling a submission after final rejection (37 CFR 1.129(a)) 1809 790 2809 395 Filling a submission after final rejection (37 CFR 1.129(a)) 1809 790 2809 395 For each additional invention to be examined (37 CFR 1.129(b)) 1804 88 2204 44	Fee Fee Fee Fee Description				D.	ending each p	etent assign	ment per	40.00
1201 88 2201 44 Independent claims in excess of 3 1203 300 2203 150 Multiple dependent claim, if not paid 1204 88 2204 44 "Reissue independent claims over original patient over original patient over original patient or and over original patient of a design application o	Code (\$) Code (\$)				DIS	ODCITA (mines in	Attings of big	p φ. 1100/	
1203 300 2203 150 Multiple dependent claim, if not paid 1204 88 2204 44 "Reissue Independent claims over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Request for expeditud examination of a design application 1205 1802 900 Request for expeditud examination of a design application 1205 1802 900 Request for expeditud examination of a design application 1205 1802 900 Request for expeditud examination of a design application 1205 1802 900 Request for expeditud examination (RCE) 1802 900 Request for expeditud examination of a design application 1205 1802 900 Request for expeditud examination (RCE) 1802 900 Request for expeditud examination of a design application 1205 (S) 1,540,000 "Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 1,540,000 (Complete (**repricable*)) Registration No. (Altorney/Asgnt) 237,293 (Complete (**repricable*)) Registration No. (Altorney/Asgnt) 237,293 (Complete (**repricable*)) Registration No. (Altorney/Asgnt) 237,293 (Complete (**repricable*))	1202 10 2202 0 11	18	809 790	1	(3	7 CFR 1.129(8))		
1204 88 2204 44 "Reissue Independent claims over original patient 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 3400.00 "Tor number previously paid, if greater; For Reissues, see above SUBMITTED BY Name (Print/Type) Mark Chao, Print/Type)	The same statistics demanded stairs if not not	d] 1	810 790	2810	395 FG	or each addition	nal Invention	to be	
1205 18 2205 9 "Reissus claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 3400.00 "For number previously paid, if greater, For Reissus, see above SUBMITTED BY Name (Print/Type) Mark Chao, Print/Type) Mark Chao, Print/Type)	1204 88 2204 44 ** Reissue Independent claims						itinued Exam	nination (RCE)	
SUBTOTAL (2) (\$) 3400.00 Ther fee (specify) TReduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 1.540.00 SUBMITTED BY Name (Print/Type) Mark Chao. Print/Type)	over original patient				900 8	Request for exp	edited exam		
SUBTOTAL (2) [\$\frac{1}{3}\frac{3400.00}{1.540.00} \text{Reduced by Basic Filing Fee Paid} \text{SUBTOTAL (3)} [\$\frac{1}{3}\frac{1.540.00}{1.540.00} \text{Reduced by Basic Filing Fee Paid} \text{SUBTOTAL (3)} [\$\frac{1}{3}\frac{1.540.00}{1.540.00} \text{(Complete (* applicable))} \text{SUBMITTED BY} \text{Reduced by Basic Filing Fee Paid} \text{SUBTOTAL (3)} [\$\frac{1}{3}\frac{1.540.00}{1.540.00} \text{(Complete (* applicable))} \text{Telephone 847-383-3372} \text{Date} \text{Print/Type} \text{Mark Chao. Print/Type} \text{Mark Chao. Print/Type} \text{Reduced by Basic Filing Fee Paid} \text{SUBTOTAL (3)} [\$\frac{1}{3}\frac{1.540.00}{1.540.00} \text{Chao. Print/Type} \text{Reduced by Basic Filing Fee Paid} \text{SUBTOTAL (3)} [\$\frac{1}{3}\frac{1.540.00}{1.540.00} \text{(Complete (* applicable))} \text{Telephone 847-383-3372} \text{Date} \text{Date} \text{Telephone 847-383-3372} \text{Date} \text{Date} \text{Date} \text{Date} \text{Date} \text{Date} \text{Date} \text{Date} \text{Date} \text{Date} \text{Date} \text{Date} \text{Date} \text{Date} \text{Date} \text{Date} \text{Date} \text{Date} \text{Date} \text{Date} \text{Date} \text{Date} \text{Date} \text{Date} \text{Date} \qu	and over original patent		of a design application						
"or number previously paid, if greater, For Relssues, see above (Complete (* expirable)) SUBMITTED BY Name (Print/Type) Mark Chao, Ph. J.	SUBTOTAL (2) (5) 3400.00 II apped by Boxic Filling Fee Paid						URTOTAL	(3) (\$) 1.5	40.00
SUBMITTED BY Name (Print/Type) Mark Chao, Print/Type) Mark Chao, Print/Type) Mark Chao, Print/Type) Registration No. 1/293 Telephone 847-383-3372 Date 8/12/85	"or number previously paid, if greater, For Relissues, see above								
Name (Print/Type) Mark Chao, 51,127, 10/			Panie	testion No.		T			2
	Name (Print/Type) Mark Chao, Ph. Ph. 10)				37,2	193			
WARNING: Information on this form may become public. Credit card information should not /									

be included on this form. Provide credit card information and authoriz

De included on this form. Provide credit card information and authorization on PTO-2030.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, use of the USPTO. Time will vary depending upon the individual case. Any comments on including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on including gathering, preparing upon the individual case. Any comments on including gathering, preparing upon the individual case. Any comments on including gathering, preparing upon the individual case. Any comments on including gathering, preparing upon the individual case. Any comments on including gathering, preparing upon the individual case. Any comments on including gathering, preparing upon the public which is to file (and by the collection is estimated to take 12 minutes to complete the public which is to file (and by the collection is estimated to take 12 minutes to complete the public which is to file (and by the collection is estimated to take 12 minutes to complete the collection is estimated to take 12 minutes to complete the colle

PAGE 3/6 * RCVD AT 8/12/2005 12:34:35 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/26 * DNIS:2738300 * CSID:18473833409 * DURATION (mm-ss):02-08



AUG 1 2 2005

PTO/SB/64 (09-04)

PTO/SB/84 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control number. PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT 3057 U\$0P ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b) First named inventor. Tatsuya WATANABE Art Unit: tba Application No.: 10/518,184 Examiner: tha Filed: December 16, 2004 Preventing/Treating Agent for Bone or Joint Disease Title: Attention: Office of Petitions Mail Stop Petition Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 FAX (703) 872-9306 NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (703) 305-9282. The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the office notice or action plus an extensions of time actually obtained. APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION NOTE: A grantable petition requires the following items: (1) Petition fee: (2) Reply and/or issue fee; (3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications filed before June 8, 1995; and for all design applications; and (4) Statement that the entire delay was unintentional. Small entity-fee \$ _____(37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27. 1.Petition fee Other than small entity – fee \$ 1.500.00 (37 CFR 1.17(m)) 2. Reply and/or fee A. The reply and/or fee to the above-noted Office action in (identify type of reply): the form of authorization to charge filing fees has been filed previously on _ is enclosed herewith. B. The issue fee and publication fee (if applicable) of \$ ___ has been paid previously on _ is enclosed herewith.

This collection of information is required by 37 CFR 1.137(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.0 hour to USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, overparing, and submitting the completed application form to the USPTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1 [Page 1 of 2] FORMS TO THIS ADDRESS. SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/64 (09-04)
Approved for use through 07/31/2008, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number 3. Terminal disclaimer with disclaimer fee Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required. for a small entity or \$ A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$ for other than a small entity) disclaiming the required period of time is enclosed herewith (see PTO/SB/63). 4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE: The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D)).] WARNING: Information on this form triay become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038 Signature Mark Chao, Ph.D., JD Registration Number, if applicable Typed or printed name (847) 383-3372 Takeda Pharmaceuticals North America, Inc. Telephone Number Address 475 Half Day Road, Lincolnshire, IL 60069 Address Fee Payment Enclosures: 🗸 Reply Terminal Disclaimer Form Additional sheets containing statements establishing unintentional delay Other: CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)] I hereby certify that this correspondence is being: Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450. Transmitted by facsimile on the date shown below to the United States Patent and Trademark Office as (703) 872-9308. 57 (~273-839) Date Gail L. Winokur Typed or printed name of person signing certificate

AUG 1 2 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

10/518,184

Filed:

December 16, 2004

1st Inventor:

Tatsuya WATANABE

For:

Preventing/Treating Agent for Bone or Joint

Diseases

Atty. Dkt. No.

3057 USOP

Art Unit:

tba

Examiner:

tba

Allowed:

Batch:

Paper No.:

REPLY TO NOTICE OF ABANDONMENT REQUEST FOR REVIVIAL OF APPLICATION – UNINTENTIONALLY ABANDONED

MAIL STOP PETITION

Commissioner for Patents P.O. Box 1450 Arlington, VA 22313-1450

Sir:

In Reply to a Notice of Abandonment mailed August 1, 2005, Applicant respectfully submits a petition to revive and authorization to charge the appropriate missing filing fees and petition fees to our USPTO Deposit Account Number 500799.

A Transmittal Letter to the United States Designated/Elected Office (DO/EO/US)
Concerning a Submission under 35 U.S.C. 371 was mailed by Express Mail on December 16, 2004, including all required papers.

While the fee amount was entered, the check box No. 21b was inadvertently and unintentionally left unchecked and thus the filing fees were not paid via our deposit account. Thus the application became unintentionally abandoned.

Respectfully submitted,

Dated: August 12, 2005

(847)383-3372 (847)383-3391 Mark Chao, Ph.D., Reg. No. 37,293

Elaine M. Ramesh, Ph.D., Reg. No. 43032

Attorney for Applicants Customer No. 23115

Takeda Pharmaceuticals North America, Inc. Intellectual Property Department 475 Half Day Road Lincolnshire, IL 60069 USA